

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P935439

Luminaire Tested: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-6-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935439
REPORT IS A COMBINATION OF REPORTS P933755 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-6-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

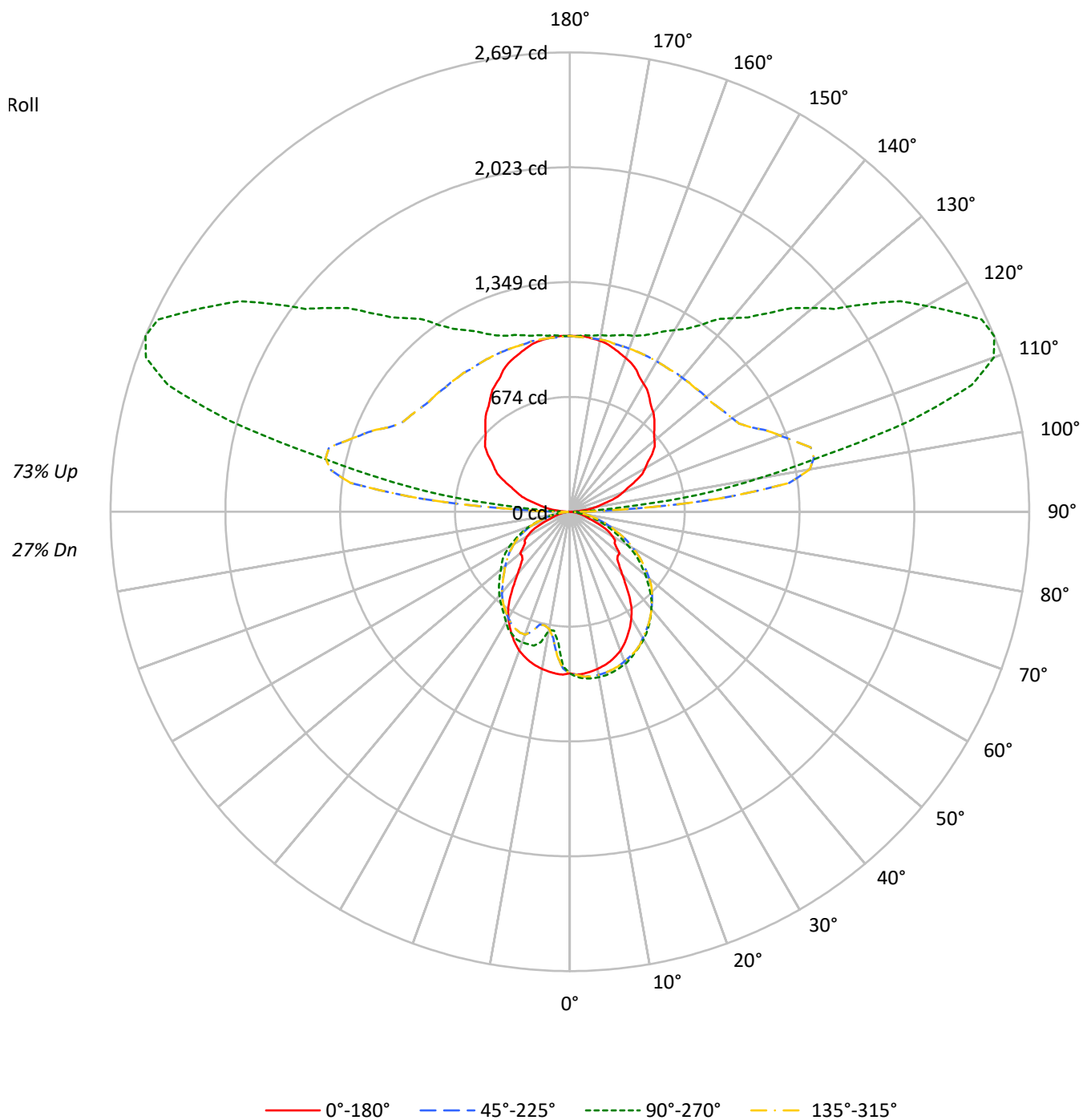
Lumens per Lamp: N/A
Luminaire Lumens: 9160.9 lumens
Efficiency: N/A
Efficacy: 128.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 71.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P935439

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-6-3500K

Luminous Intensity Polar Plot



TEST NUMBER: P935439

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35			27
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29			23
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25			19
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21			16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18			14
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16			12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14			10
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12			9
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11			8
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10			7
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9			7

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5871	5871	5871	5871
5°	5913	5927	5913	4660
10°	5871	5839	5871	4174
15°	5806	5712	5806	4769
20°	5682	5562	5682	4779
25°	5431	5344	5431	4678
30°	5108	5162	5108	4456
35°	4551	4933	4551	4211
40°	3790	4662	3790	4027
45°	3384	4346	3384	3815
50°	3592	3969	3592	3601
55°	3376	3563	3376	3478
60°	3476	3026	3476	3185
65°	3147	2501	3147	2795
70°	2174	1993	2174	2343
75°	1899	1473	1899	1764
80°	1520	974	1520	1061
85°	859	516	859	438

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 5191 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.7	0.9
10°-20°	243.3	2.7
20°-30°	376.0	4.1
30°-40°	448.9	4.9
40°-50°	451.5	4.9
50°-60°	392.9	4.3
60°-70°	278.6	3.0
70°-80°	147.4	1.6
80°-90°	40.6	0.4
90°-100°	503.5	5.5
100°-110°	1323.7	14.4
110°-120°	1372.6	15.0
120°-130°	1101.0	12.0
130°-140°	863.9	9.4
140°-150°	663.1	7.2
150°-160°	477.5	5.2
160°-170°	292.2	3.2
170°-180°	98.7	1.1
0°-30°	705.0	7.7
0°-40°	1153.9	12.6
0°-60°	1998.3	21.8
0°-90°	2464.9	26.9
90°-120°	3199.8	34.9
90°-150°	5827.7	63.6
90°-180°	6696.0	73.1
0°-180°	9160.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	949	949	949	949	949	
5°	954	983	954	773	954	90
15°	911	974	911	814	911	256
25°	802	909	802	796	802	368
35°	610	811	610	692	610	377
45°	393	668	393	586	393	315
55°	320	493	320	481	320	295
65°	223	297	223	332	223	213
75°	84	141	84	169	84	89
85°	14	36	14	30	14	19
90°	7	26	7	26	7	6
95°	67	304	67	304	67	74
105°	238	2073	238	2073	238	253
115°	424	2669	424	2669	424	418
125°	589	2126	589	2126	589	523
135°	702	1649	702	1649	702	543
145°	814	1338	814	1338	814	510
155°	921	1152	921	1152	921	423
165°	993	1073	993	1073	993	280
175°	1033	1040	1033	1040	1033	98
180°	1033	1033	1033	1033	1033	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1
2.5°	957.2	957.2	962.6	964.4	964.4	961.7	959.0	961.7	969.8	972.5	971.6
5°	953.6	960.8	970.7	972.5	974.3	973.4	971.6	973.4	982.3	984.2	985.1
7.5°	946.4	959.9	972.5	975.2	977.9	975.2	974.3	976.1	985.1	986.9	986.9
10°	937.4	956.4	970.7	972.5	975.2	972.5	972.5	976.1	985.1	986.9	987.8
12.5°	924.9	950.9	964.4	966.2	969.8	968.9	968.0	971.6	980.5	982.3	982.3
15°	910.6	941.1	953.6	955.5	961.7	959.9	959.9	963.5	973.4	976.1	975.2
17.5°	890.7	928.5	942.9	945.6	950.0	949.1	950.0	953.6	962.6	964.4	965.3
20°	868.3	911.5	928.5	931.2	935.6	935.6	935.6	940.2	949.1	952.7	952.7
22.5°	837.8	893.4	911.5	913.2	918.6	918.6	920.4	926.7	934.8	935.6	935.6
25°	801.8	873.7	889.0	894.4	899.8	902.4	905.1	908.8	911.5	910.6	911.5
27.5°	764.2	848.5	868.3	871.9	879.1	881.8	885.4	886.3	887.2	889.9	888.1
30°	722.0	813.5	843.2	846.7	858.4	860.2	856.6	858.4	862.9	864.8	866.6
32.5°	674.4	761.5	817.1	825.2	836.0	830.6	829.7	832.4	839.6	839.6	841.4
35°	609.7	721.1	792.9	800.1	808.2	801.8	805.5	806.4	810.9	813.5	812.6
37.5°	538.8	686.1	767.7	773.1	779.4	771.3	776.8	779.4	783.0	781.2	781.2
40°	475.9	631.3	738.1	741.7	747.1	740.8	746.2	748.0	749.8	748.0	747.1
42.5°	429.3	571.1	706.7	711.2	707.6	712.0	713.9	717.5	714.8	711.2	711.2
45°	393.3	554.9	672.6	677.9	672.6	679.7	682.4	682.4	674.4	672.6	671.7
47.5°	381.6	522.6	638.5	638.5	635.7	644.7	649.2	643.0	634.8	632.2	632.2
50°	380.7	486.7	591.7	588.1	600.7	611.5	607.0	600.7	594.5	584.6	584.6
52.5°	345.7	442.7	531.6	545.0	564.8	571.1	564.0	557.6	546.8	542.4	538.8
55°	320.5	396.9	476.8	503.8	524.4	532.4	519.1	512.7	496.6	493.9	492.1
57.5°	315.2	330.4	426.5	460.7	485.8	484.9	476.8	465.1	451.7	449.0	448.1
60°	289.1	238.9	372.7	413.1	439.1	436.4	429.3	418.5	405.9	404.1	402.3
62.5°	262.2	173.3	311.6	357.4	394.2	393.3	387.0	370.9	361.9	357.4	353.8
65°	222.7	145.5	221.8	297.2	350.2	352.0	338.6	326.9	317.0	311.6	310.7
67.5°	169.7	118.5	150.0	247.9	308.0	306.2	289.1	283.8	271.2	268.5	263.1
70°	125.7	79.0	104.2	201.1	266.7	262.2	248.8	242.4	230.7	224.5	220.9
72.5°	104.2	63.7	76.3	156.2	224.5	219.1	207.4	200.2	190.4	185.0	181.4
75°	84.4	67.3	58.4	115.9	182.3	178.7	167.9	160.8	152.6	145.5	146.4
77.5°	61.9	62.8	46.7	85.3	144.6	139.2	132.9	123.9	120.3	113.2	113.2
80°	46.7	49.4	35.0	58.4	104.2	104.2	98.8	92.5	86.2	82.7	82.7
82.5°	31.4	31.4	26.1	36.8	71.0	68.3	64.6	62.8	59.3	57.5	57.5
85°	14.4	17.9	16.2	22.4	38.7	40.4	40.4	38.7	37.8	35.9	36.8
87.5°	4.5	8.1	9.9	12.6	19.7	20.6	21.5	21.5	21.5	22.4	22.4
90°	7.0	12.5	18.0	19.4	30.4	45.3	52.7	46.8	35.1	26.3	26.3
92.5°	27.8	74.9	122.0	133.8	188.1	260.5	296.7	260.0	186.7	131.8	126.5
95°	66.6	152.8	239.0	260.6	462.8	732.5	867.3	773.9	587.2	447.1	431.2
97.5°	115.1	191.1	267.3	286.3	623.4	1073.0	1297.8	1238.8	1120.8	1032.2	1002.1
100°	152.5	221.5	290.5	307.8	681.9	1180.8	1430.2	1434.4	1443.1	1449.5	1413.6
102.5°	184.4	248.8	313.2	329.3	708.7	1214.6	1467.6	1542.7	1693.1	1805.9	1775.1
105°	238.5	293.0	347.5	361.2	728.6	1218.5	1463.5	1632.0	1969.0	2221.8	2205.2
107.5°	293.9	344.7	395.6	408.3	732.3	1164.2	1380.3	1615.4	2085.5	2438.1	2442.1
110°	331.3	377.2	423.1	434.6	726.7	1116.1	1310.9	1573.7	2099.4	2493.6	2510.9

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	368.1	411.9	455.6	466.6	726.9	1074.2	1247.8	1516.7	2054.7	2458.2	2484.7
115°	423.5	463.9	504.3	514.4	733.7	1026.1	1172.3	1431.4	1949.7	2338.3	2375.1
117.5°	478.4	515.0	551.6	560.8	747.3	995.9	1120.2	1354.1	1821.8	2172.6	2213.3
120°	510.2	544.8	579.2	587.9	758.4	985.7	1099.4	1313.1	1740.4	2061.0	2100.6
122.5°	541.5	576.3	611.1	619.7	774.3	980.5	1083.6	1276.0	1660.8	1949.4	1988.4
125°	589.2	621.0	652.7	660.6	795.9	976.1	1066.2	1229.7	1556.6	1801.8	1837.7
127.5°	628.0	660.1	692.1	700.2	817.4	973.6	1051.7	1192.0	1472.7	1683.2	1713.6
130°	648.8	683.4	717.8	726.5	833.0	975.0	1046.1	1171.0	1420.9	1608.3	1636.4
132.5°	670.4	704.9	739.4	748.0	845.8	976.1	1041.2	1153.1	1376.8	1544.5	1569.6
135°	702.2	733.6	765.1	772.9	859.6	975.2	1032.9	1126.6	1313.9	1454.4	1476.0
137.5°	734.8	766.0	797.1	804.9	880.4	981.2	1031.5	1110.7	1269.0	1387.8	1405.5
140°	761.9	790.5	819.2	826.3	893.1	982.1	1026.7	1095.1	1231.9	1334.5	1351.1
142.5°	782.6	809.2	835.7	842.3	903.8	985.7	1026.7	1086.8	1206.9	1297.1	1311.3
145°	814.5	837.6	860.8	866.6	917.6	985.7	1019.7	1068.9	1167.2	1240.9	1251.7
147.5°	846.5	869.0	891.5	897.1	938.0	992.5	1019.7	1058.4	1135.8	1193.8	1202.7
150°	867.3	887.6	907.9	913.0	948.6	996.0	1019.7	1052.4	1117.7	1166.7	1174.0
152.5°	888.7	904.1	919.6	923.4	955.5	998.3	1019.7	1047.6	1103.4	1145.2	1150.7
155°	920.6	932.1	943.4	946.3	970.7	1003.4	1019.7	1042.0	1086.3	1119.6	1123.3
157.5°	944.2	955.3	966.4	969.1	986.0	1008.5	1019.7	1037.0	1071.5	1097.4	1099.9
160°	960.1	968.8	977.4	979.6	993.0	1010.8	1019.7	1034.5	1064.1	1086.3	1087.7
162.5°	976.1	982.5	989.0	990.6	1000.4	1013.3	1019.7	1032.2	1057.1	1075.9	1077.3
165°	993.4	999.3	1005.2	1006.6	1011.0	1016.8	1019.7	1028.7	1046.6	1060.0	1061.4
167.5°	1009.4	1012.1	1014.9	1015.6	1019.3	1024.2	1026.7	1032.6	1044.3	1053.0	1053.6
170°	1019.7	1022.5	1025.3	1026.0	1026.2	1026.5	1026.7	1032.6	1044.3	1053.0	1053.0
172.5°	1025.3	1025.9	1026.5	1026.7	1026.7	1026.7	1026.7	1031.3	1040.5	1047.5	1047.0
175°	1032.9	1032.9	1032.9	1032.9	1030.9	1028.1	1026.7	1029.6	1035.5	1039.9	1039.9
177.5°	1032.9	1032.9	1032.9	1032.9	1031.3	1029.1	1028.0	1030.4	1035.0	1038.5	1037.8
180°	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1
2.5°	973.4	970.7	973.4	971.6	972.5	969.8	961.7	959.0	961.7	964.4	964.4
5°	985.1	983.2	985.1	985.1	984.2	982.3	973.4	971.6	973.4	974.3	972.5
7.5°	988.7	986.0	988.7	986.9	986.9	985.1	976.1	974.3	975.2	977.9	975.2
10°	988.7	986.0	988.7	987.8	986.9	985.1	976.1	972.5	972.5	975.2	972.5
12.5°	984.2	982.3	984.2	982.3	982.3	980.5	971.6	968.0	968.9	969.8	966.2
15°	977.0	974.3	977.0	975.2	976.1	973.4	963.5	959.9	959.9	961.7	955.5
17.5°	966.2	962.6	966.2	965.3	964.4	962.6	953.6	950.0	949.1	950.0	945.6
20°	953.6	950.9	953.6	952.7	952.7	949.1	940.2	935.6	935.6	935.6	931.2
22.5°	933.9	931.2	933.9	935.6	935.6	934.8	926.7	920.4	918.6	918.6	913.2
25°	911.5	908.8	911.5	911.5	910.6	911.5	908.8	905.1	902.4	899.8	894.4
27.5°	889.9	888.1	889.9	888.1	889.9	887.2	886.3	885.4	881.8	879.1	871.9
30°	868.3	866.6	868.3	866.6	864.8	862.9	858.4	856.6	860.2	858.4	846.7
32.5°	841.4	839.6	841.4	841.4	839.6	839.6	832.4	829.7	830.6	836.0	825.2
35°	813.5	810.9	813.5	812.6	813.5	810.9	806.4	805.5	801.8	808.2	800.1
37.5°	781.2	778.5	781.2	781.2	781.2	783.0	779.4	776.8	771.3	779.4	773.1
40°	748.0	744.4	748.0	747.1	748.0	749.8	748.0	746.2	740.8	747.1	741.7
42.5°	710.3	709.4	710.3	711.2	711.2	714.8	717.5	713.9	712.0	707.6	711.2
45°	669.9	668.0	669.9	671.7	672.6	674.4	682.4	682.4	679.7	672.6	677.9
47.5°	626.8	622.2	626.8	632.2	632.2	634.8	643.0	649.2	644.7	635.7	638.5
50°	581.0	581.9	581.0	584.6	584.6	594.5	600.7	607.0	611.5	600.7	588.1
52.5°	536.1	535.2	536.1	538.8	542.4	546.8	557.6	564.0	571.1	564.8	545.0
55°	491.2	493.0	491.2	492.1	493.9	496.6	512.7	519.1	532.4	524.4	503.8
57.5°	446.3	443.6	446.3	448.1	449.0	451.7	465.1	476.8	484.9	485.8	460.7
60°	394.2	390.6	394.2	402.3	404.1	405.9	418.5	429.3	436.4	439.1	413.1
62.5°	348.4	342.1	348.4	353.8	357.4	361.9	370.9	387.0	393.3	394.2	357.4
65°	299.9	297.2	299.9	310.7	311.6	317.0	326.9	338.6	352.0	350.2	297.2
67.5°	255.9	255.9	255.9	263.1	268.5	271.2	283.8	289.1	306.2	308.0	247.9
70°	215.5	214.6	215.5	220.9	224.5	230.7	242.4	248.8	262.2	266.7	201.1
72.5°	176.9	176.0	176.9	181.4	185.0	190.4	200.2	207.4	219.1	224.5	156.2
75°	142.8	140.9	142.8	146.4	145.5	152.6	160.8	167.9	178.7	182.3	115.9
77.5°	109.5	109.5	109.5	113.2	113.2	120.3	123.9	132.9	139.2	144.6	85.3
80°	81.7	80.8	81.7	82.7	82.7	86.2	92.5	98.8	104.2	104.2	58.4
82.5°	57.5	55.7	57.5	57.5	57.5	59.3	62.8	64.6	68.3	71.0	36.8
85°	35.9	35.9	35.9	36.8	35.9	37.8	38.7	40.4	40.4	38.7	22.4
87.5°	23.4	22.4	23.4	22.4	22.4	21.5	21.5	21.5	20.6	19.7	12.6
90°	26.3	26.3	26.3	26.3	26.3	35.1	46.8	52.7	45.3	30.4	19.4
92.5°	105.5	84.5	105.5	126.5	131.8	186.7	260.0	296.7	260.5	188.1	133.8
95°	367.8	304.3	367.8	431.2	447.1	587.2	773.9	867.3	732.5	462.8	260.6
97.5°	881.3	760.5	881.3	1002.1	1032.2	1120.8	1238.8	1297.8	1073.0	623.4	286.3
100°	1269.8	1125.9	1269.8	1413.6	1449.5	1443.1	1434.4	1430.2	1180.8	681.9	307.8
102.5°	1651.8	1528.6	1651.8	1775.1	1805.9	1693.1	1542.7	1467.6	1214.6	708.7	329.3
105°	2139.0	2072.8	2139.0	2205.2	2221.8	1969.0	1632.0	1463.5	1218.5	728.6	361.2
107.5°	2458.1	2474.2	2458.1	2442.1	2438.1	2085.5	1615.4	1380.3	1164.2	732.3	408.3
110°	2579.9	2648.8	2579.9	2510.9	2493.6	2099.4	1573.7	1310.9	1116.1	726.7	434.6

TEST NUMBER: P935439

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2590.7	2696.7	2590.7	2484.7	2458.2	2054.7	1516.7	1247.8	1074.2	726.9	466.6
115°	2522.0	2668.9	2522.0	2375.1	2338.3	1949.7	1431.4	1172.3	1026.1	733.7	514.4
117.5°	2376.3	2539.3	2376.3	2213.3	2172.6	1821.8	1354.1	1120.2	995.9	747.3	560.8
120°	2259.0	2417.3	2259.0	2100.6	2061.0	1740.4	1313.1	1099.4	985.7	758.4	587.9
122.5°	2144.6	2300.8	2144.6	1988.4	1949.4	1660.8	1276.0	1083.6	980.5	774.3	619.7
125°	1981.6	2125.5	1981.6	1837.7	1801.8	1556.6	1229.7	1066.2	976.1	795.9	660.6
127.5°	1835.0	1956.4	1835.0	1713.6	1683.2	1472.7	1192.0	1051.7	973.6	817.4	700.2
130°	1748.6	1860.7	1748.6	1636.4	1608.3	1420.9	1171.0	1046.1	975.0	833.0	726.5
132.5°	1670.1	1770.5	1670.1	1569.6	1544.5	1376.8	1153.1	1041.2	976.1	845.8	748.0
135°	1562.6	1649.2	1562.6	1476.0	1454.4	1313.9	1126.6	1032.9	975.2	859.6	772.9
137.5°	1476.4	1547.3	1476.4	1405.5	1387.8	1269.0	1110.7	1031.5	981.2	880.4	804.9
140°	1417.3	1483.5	1417.3	1351.1	1334.5	1231.9	1095.1	1026.7	982.1	893.1	826.3
142.5°	1368.3	1425.3	1368.3	1311.3	1297.1	1206.9	1086.8	1026.7	985.7	903.8	842.3
145°	1294.8	1337.9	1294.8	1251.7	1240.9	1167.2	1068.9	1019.7	985.7	917.6	866.6
147.5°	1238.5	1274.2	1238.5	1202.7	1193.8	1135.8	1058.4	1019.7	992.5	938.0	897.1
150°	1203.0	1231.9	1203.0	1174.0	1166.7	1117.7	1052.4	1019.7	996.0	948.6	913.0
152.5°	1172.5	1194.4	1172.5	1150.7	1145.2	1103.4	1047.6	1019.7	998.3	955.5	923.4
155°	1137.7	1152.2	1137.7	1123.3	1119.6	1086.3	1042.0	1019.7	1003.4	970.7	946.3
157.5°	1110.1	1120.2	1110.1	1099.9	1097.4	1071.5	1037.0	1019.7	1008.5	986.0	969.1
160°	1093.6	1099.4	1093.6	1087.7	1086.3	1064.1	1034.5	1019.7	1010.8	993.0	979.6
162.5°	1082.8	1088.4	1082.8	1077.3	1075.9	1057.1	1032.2	1019.7	1013.3	1000.4	990.6
165°	1067.3	1073.1	1067.3	1061.4	1060.0	1046.6	1028.7	1019.7	1016.8	1011.0	1006.6
167.5°	1056.1	1058.6	1056.1	1053.6	1053.0	1044.3	1032.6	1026.7	1024.2	1019.3	1015.6
170°	1053.0	1053.0	1053.0	1053.0	1053.0	1044.3	1032.6	1026.7	1026.5	1026.2	1026.0
172.5°	1044.8	1042.7	1044.8	1047.0	1047.5	1040.5	1031.3	1026.7	1026.7	1026.7	1026.7
175°	1039.9	1039.9	1039.9	1039.9	1039.9	1035.5	1029.6	1026.7	1028.1	1030.9	1032.9
177.5°	1035.4	1032.9	1035.4	1037.8	1038.5	1035.0	1030.4	1028.0	1029.1	1031.3	1032.9
180°	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9

TEST NUMBER: P935439

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1
2.5°	962.6	957.2	957.2	948.2	944.7	942.0	937.4	924.0	920.4	916.8	922.2
5°	970.7	960.8	953.6	937.4	924.0	918.6	901.5	869.2	847.6	831.5	822.5
7.5°	972.5	959.9	946.4	921.3	889.0	874.6	822.5	763.3	747.1	732.8	723.7
10°	970.7	956.4	937.4	899.8	823.4	798.3	746.2	707.6	697.7	695.0	697.7
12.5°	964.4	950.9	924.9	862.0	755.2	738.1	707.6	685.2	683.3	687.9	712.0
15°	953.6	941.1	910.6	811.7	717.5	704.9	683.3	675.3	685.2	716.6	789.3
17.5°	942.9	928.5	890.7	762.4	688.7	679.7	664.5	680.6	736.3	778.5	802.7
20°	928.5	911.5	868.3	726.4	668.0	660.0	652.8	725.5	767.7	783.0	796.5
22.5°	911.5	893.4	837.8	701.3	646.5	640.3	644.7	750.7	767.7	778.5	790.2
25°	889.0	873.7	801.8	681.5	629.5	622.2	639.4	748.0	757.8	760.6	783.9
27.5°	868.3	848.5	764.2	663.6	608.9	606.1	643.8	736.3	743.6	746.2	771.3
30°	843.2	813.5	722.0	644.7	587.3	586.4	644.7	722.0	720.2	727.3	752.5
32.5°	817.1	761.5	674.4	621.4	566.6	565.7	638.5	700.4	698.7	708.5	727.3
35°	792.9	721.1	609.7	594.5	540.6	541.5	623.1	675.3	676.2	685.2	696.8
37.5°	767.7	686.1	538.8	564.8	515.4	515.4	602.5	651.9	650.1	652.8	669.0
40°	738.1	631.3	475.9	526.2	492.1	489.4	577.3	626.8	620.5	619.6	642.1
42.5°	706.7	571.1	429.3	475.1	465.1	461.6	546.8	596.3	584.6	587.3	616.0
45°	672.6	554.9	393.3	401.4	437.3	434.6	513.6	561.2	553.2	560.3	589.9
47.5°	638.5	522.6	381.6	333.1	407.7	406.8	476.8	527.1	522.6	529.8	561.2
50°	591.7	486.7	380.7	285.5	374.5	378.0	432.8	493.9	493.9	500.1	533.4
52.5°	531.6	442.7	345.7	258.6	335.8	346.6	394.2	465.1	466.9	473.3	502.8
55°	476.8	396.9	320.5	238.0	290.0	313.4	356.5	435.5	439.1	445.4	472.3
57.5°	426.5	330.4	315.2	213.7	247.9	270.3	323.3	406.8	408.6	414.0	440.0
60°	372.7	238.9	289.1	187.6	211.0	228.1	292.7	372.7	378.9	382.5	405.0
62.5°	311.6	173.3	262.2	169.7	193.1	196.6	267.6	340.4	348.4	351.1	364.5
65°	221.8	145.5	222.7	154.4	174.2	175.1	240.7	307.1	314.3	318.8	328.7
67.5°	150.0	118.5	169.7	140.1	159.9	160.8	214.6	268.5	278.4	282.0	288.2
70°	104.2	79.0	125.7	124.8	143.7	145.5	186.7	233.5	242.4	245.1	248.8
72.5°	76.3	63.7	104.2	112.2	126.6	128.4	158.1	194.0	203.0	205.7	207.4
75°	58.4	67.3	84.4	97.9	107.7	108.6	129.3	158.1	164.3	166.1	167.0
77.5°	46.7	62.8	61.9	79.0	88.0	86.2	101.5	122.1	127.5	127.5	127.5
80°	35.0	49.4	46.7	56.6	64.6	62.8	72.7	87.1	88.9	90.7	89.8
82.5°	26.1	31.4	31.4	35.9	43.1	41.3	48.5	56.6	56.6	56.6	58.4
85°	16.2	17.9	14.4	18.8	24.3	23.4	27.0	30.5	31.4	31.4	29.6
87.5°	9.9	8.1	4.5	7.1	10.8	10.8	12.6	13.5	12.6	12.6	12.6
90°	18.0	12.5	7.0	12.5	18.0	19.4	30.4	45.3	52.7	46.8	35.1
92.5°	122.0	74.9	27.8	74.9	122.0	133.8	188.1	260.5	296.7	260.0	186.7
95°	239.0	152.8	66.6	152.8	239.0	260.6	462.8	732.5	867.3	773.9	587.2
97.5°	267.3	191.1	115.1	191.1	267.3	286.3	623.4	1073.0	1297.8	1238.8	1120.8
100°	290.5	221.5	152.5	221.5	290.5	307.8	681.9	1180.8	1430.2	1434.4	1443.1
102.5°	313.2	248.8	184.4	248.8	313.2	329.3	708.7	1214.6	1467.6	1542.7	1693.1
105°	347.5	293.0	238.5	293.0	347.5	361.2	728.6	1218.5	1463.5	1632.0	1969.0
107.5°	395.6	344.7	293.9	344.7	395.6	408.3	732.3	1164.2	1380.3	1615.4	2085.5
110°	423.1	377.2	331.3	377.2	423.1	434.6	726.7	1116.1	1310.9	1573.7	2099.4

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CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	455.6	411.9	368.1	411.9	455.6	466.6	726.9	1074.2	1247.8	1516.7	2054.7
115°	504.3	463.9	423.5	463.9	504.3	514.4	733.7	1026.1	1172.3	1431.4	1949.7
117.5°	551.6	515.0	478.4	515.0	551.6	560.8	747.3	995.9	1120.2	1354.1	1821.8
120°	579.2	544.8	510.2	544.8	579.2	587.9	758.4	985.7	1099.4	1313.1	1740.4
122.5°	611.1	576.3	541.5	576.3	611.1	619.7	774.3	980.5	1083.6	1276.0	1660.8
125°	652.7	621.0	589.2	621.0	652.7	660.6	795.9	976.1	1066.2	1229.7	1556.6
127.5°	692.1	660.1	628.0	660.1	692.1	700.2	817.4	973.6	1051.7	1192.0	1472.7
130°	717.8	683.4	648.8	683.4	717.8	726.5	833.0	975.0	1046.1	1171.0	1420.9
132.5°	739.4	704.9	670.4	704.9	739.4	748.0	845.8	976.1	1041.2	1153.1	1376.8
135°	765.1	733.6	702.2	733.6	765.1	772.9	859.6	975.2	1032.9	1126.6	1313.9
137.5°	797.1	766.0	734.8	766.0	797.1	804.9	880.4	981.2	1031.5	1110.7	1269.0
140°	819.2	790.5	761.9	790.5	819.2	826.3	893.1	982.1	1026.7	1095.1	1231.9
142.5°	835.7	809.2	782.6	809.2	835.7	842.3	903.8	985.7	1026.7	1086.8	1206.9
145°	860.8	837.6	814.5	837.6	860.8	866.6	917.6	985.7	1019.7	1068.9	1167.2
147.5°	891.5	869.0	846.5	869.0	891.5	897.1	938.0	992.5	1019.7	1058.4	1135.8
150°	907.9	887.6	867.3	887.6	907.9	913.0	948.6	996.0	1019.7	1052.4	1117.7
152.5°	919.6	904.1	888.7	904.1	919.6	923.4	955.5	998.3	1019.7	1047.6	1103.4
155°	943.4	932.1	920.6	932.1	943.4	946.3	970.7	1003.4	1019.7	1042.0	1086.3
157.5°	966.4	955.3	944.2	955.3	966.4	969.1	986.0	1008.5	1019.7	1037.0	1071.5
160°	977.4	968.8	960.1	968.8	977.4	979.6	993.0	1010.8	1019.7	1034.5	1064.1
162.5°	989.0	982.5	976.1	982.5	989.0	990.6	1000.4	1013.3	1019.7	1032.2	1057.1
165°	1005.2	999.3	993.4	999.3	1005.2	1006.6	1011.0	1016.8	1019.7	1028.7	1046.6
167.5°	1014.9	1012.1	1009.4	1012.1	1014.9	1015.6	1019.3	1024.2	1026.7	1032.6	1044.3
170°	1025.3	1022.5	1019.7	1022.5	1025.3	1026.0	1026.2	1026.5	1026.7	1032.6	1044.3
172.5°	1026.5	1025.9	1025.3	1025.9	1026.5	1026.7	1026.7	1026.7	1026.7	1031.3	1040.5
175°	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1030.9	1028.1	1026.7	1029.6	1035.5
177.5°	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1031.3	1029.1	1028.0	1030.4	1035.0
180°	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9

TEST NUMBER: P935439

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1	949.1
2.5°	915.9	913.2	916.8	906.9	916.8	913.2	915.9	922.2	916.8	920.4	924.0
5°	803.7	799.2	784.8	773.1	784.8	799.2	803.7	822.5	831.5	847.6	869.2
7.5°	718.4	714.8	711.2	704.0	711.2	714.8	718.4	723.7	732.8	747.1	763.3
10°	699.5	700.4	705.8	704.9	705.8	700.4	699.5	697.7	695.0	697.7	707.6
12.5°	748.0	756.0	785.7	783.9	785.7	756.0	748.0	712.0	687.9	683.3	685.2
15°	803.7	806.4	812.6	813.5	812.6	806.4	803.7	789.3	716.6	685.2	675.3
17.5°	809.1	810.0	814.4	814.4	814.4	810.0	809.1	802.7	778.5	736.3	680.6
20°	804.6	806.4	815.3	817.1	815.3	806.4	804.6	796.5	783.0	767.7	725.5
22.5°	802.7	806.4	813.5	812.6	813.5	806.4	802.7	790.2	778.5	767.7	750.7
25°	793.8	793.8	794.7	795.6	794.7	793.8	793.8	783.9	760.6	757.8	748.0
27.5°	775.0	776.8	782.1	781.2	782.1	776.8	775.0	771.3	746.2	743.6	736.3
30°	757.8	756.0	751.6	748.0	751.6	756.0	757.8	752.5	727.3	720.2	722.0
32.5°	729.2	724.6	720.2	717.5	720.2	724.6	729.2	727.3	708.5	698.7	700.4
35°	695.0	695.9	695.0	692.3	695.0	695.9	695.0	696.8	685.2	676.2	675.3
37.5°	670.8	672.6	671.7	668.0	671.7	672.6	670.8	669.0	652.8	650.1	651.9
40°	645.6	646.5	645.6	643.0	645.6	646.5	645.6	642.1	619.6	620.5	626.8
42.5°	621.4	620.5	617.8	616.0	617.8	620.5	621.4	616.0	587.3	584.6	596.3
45°	593.6	594.5	589.0	586.4	589.0	594.5	593.6	589.9	560.3	553.2	561.2
47.5°	565.7	565.7	561.2	558.5	561.2	565.7	565.7	561.2	529.8	522.6	527.1
50°	536.1	535.2	528.9	528.0	528.9	535.2	536.1	533.4	500.1	493.9	493.9
52.5°	501.9	501.9	502.8	504.7	502.8	501.9	501.9	502.8	473.3	466.9	465.1
55°	472.3	473.3	479.5	481.3	479.5	473.3	472.3	472.3	445.4	439.1	435.5
57.5°	441.8	441.8	446.3	446.3	446.3	441.8	441.8	440.0	414.0	408.6	406.8
60°	406.8	408.6	412.1	411.2	412.1	408.6	406.8	405.0	382.5	378.9	372.7
62.5°	370.0	371.8	372.7	370.9	372.7	371.8	370.0	364.5	351.1	348.4	340.4
65°	331.3	333.1	334.0	332.2	334.0	333.1	331.3	328.7	318.8	314.3	307.1
67.5°	291.8	290.9	290.0	293.7	290.0	290.9	291.8	288.2	282.0	278.4	268.5
70°	251.5	251.5	250.6	252.3	250.6	251.5	251.5	248.8	245.1	242.4	233.5
72.5°	208.3	207.4	211.0	208.3	211.0	207.4	208.3	207.4	205.7	203.0	194.0
75°	166.1	167.9	166.1	168.8	166.1	167.9	166.1	167.0	166.1	164.3	158.1
77.5°	126.6	128.4	126.6	126.6	126.6	128.4	126.6	127.5	127.5	127.5	122.1
80°	89.8	88.9	88.9	88.0	88.9	88.9	89.8	89.8	90.7	88.9	87.1
82.5°	57.5	56.6	56.6	58.4	56.6	56.6	57.5	58.4	56.6	56.6	56.6
85°	31.4	32.3	30.5	30.5	30.5	32.3	31.4	29.6	31.4	31.4	30.5
87.5°	11.7	10.8	10.8	10.8	10.8	10.8	11.7	12.6	12.6	12.6	13.5
90°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	35.1	46.8	52.7	45.3
92.5°	131.8	126.5	105.5	84.5	105.5	126.5	131.8	186.7	260.0	296.7	260.5
95°	447.1	431.2	367.8	304.3	367.8	431.2	447.1	587.2	773.9	867.3	732.5
97.5°	1032.2	1002.1	881.3	760.5	881.3	1002.1	1032.2	1120.8	1238.8	1297.8	1073.0
100°	1449.5	1413.6	1269.8	1125.9	1269.8	1413.6	1449.5	1443.1	1434.4	1430.2	1180.8
102.5°	1805.9	1775.1	1651.8	1528.6	1651.8	1775.1	1805.9	1693.1	1542.7	1467.6	1214.6
105°	2221.8	2205.2	2139.0	2072.8	2139.0	2205.2	2221.8	1969.0	1632.0	1463.5	1218.5
107.5°	2438.1	2442.1	2458.1	2474.2	2458.1	2442.1	2438.1	2085.5	1615.4	1380.3	1164.2
110°	2493.6	2510.9	2579.9	2648.8	2579.9	2510.9	2493.6	2099.4	1573.7	1310.9	1116.1

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2458.2	2484.7	2590.7	2696.7	2590.7	2484.7	2458.2	2054.7	1516.7	1247.8	1074.2
115°	2338.3	2375.1	2522.0	2668.9	2522.0	2375.1	2338.3	1949.7	1431.4	1172.3	1026.1
117.5°	2172.6	2213.3	2376.3	2539.3	2376.3	2213.3	2172.6	1821.8	1354.1	1120.2	995.9
120°	2061.0	2100.6	2259.0	2417.3	2259.0	2100.6	2061.0	1740.4	1313.1	1099.4	985.7
122.5°	1949.4	1988.4	2144.6	2300.8	2144.6	1988.4	1949.4	1660.8	1276.0	1083.6	980.5
125°	1801.8	1837.7	1981.6	2125.5	1981.6	1837.7	1801.8	1556.6	1229.7	1066.2	976.1
127.5°	1683.2	1713.6	1835.0	1956.4	1835.0	1713.6	1683.2	1472.7	1192.0	1051.7	973.6
130°	1608.3	1636.4	1748.6	1860.7	1748.6	1636.4	1608.3	1420.9	1171.0	1046.1	975.0
132.5°	1544.5	1569.6	1670.1	1770.5	1670.1	1569.6	1544.5	1376.8	1153.1	1041.2	976.1
135°	1454.4	1476.0	1562.6	1649.2	1562.6	1476.0	1454.4	1313.9	1126.6	1032.9	975.2
137.5°	1387.8	1405.5	1476.4	1547.3	1476.4	1405.5	1387.8	1269.0	1110.7	1031.5	981.2
140°	1334.5	1351.1	1417.3	1483.5	1417.3	1351.1	1334.5	1231.9	1095.1	1026.7	982.1
142.5°	1297.1	1311.3	1368.3	1425.3	1368.3	1311.3	1297.1	1206.9	1086.8	1026.7	985.7
145°	1240.9	1251.7	1294.8	1337.9	1294.8	1251.7	1240.9	1167.2	1068.9	1019.7	985.7
147.5°	1193.8	1202.7	1238.5	1274.2	1238.5	1202.7	1193.8	1135.8	1058.4	1019.7	992.5
150°	1166.7	1174.0	1203.0	1231.9	1203.0	1174.0	1166.7	1117.7	1052.4	1019.7	996.0
152.5°	1145.2	1150.7	1172.5	1194.4	1172.5	1150.7	1145.2	1103.4	1047.6	1019.7	998.3
155°	1119.6	1123.3	1137.7	1152.2	1137.7	1123.3	1119.6	1086.3	1042.0	1019.7	1003.4
157.5°	1097.4	1099.9	1110.1	1120.2	1110.1	1099.9	1097.4	1071.5	1037.0	1019.7	1008.5
160°	1086.3	1087.7	1093.6	1099.4	1093.6	1087.7	1086.3	1064.1	1034.5	1019.7	1010.8
162.5°	1075.9	1077.3	1082.8	1088.4	1082.8	1077.3	1075.9	1057.1	1032.2	1019.7	1013.3
165°	1060.0	1061.4	1067.3	1073.1	1067.3	1061.4	1060.0	1046.6	1028.7	1019.7	1016.8
167.5°	1053.0	1053.6	1056.1	1058.6	1056.1	1053.6	1053.0	1044.3	1032.6	1026.7	1024.2
170°	1053.0	1053.0	1053.0	1053.0	1053.0	1053.0	1053.0	1044.3	1032.6	1026.7	1026.5
172.5°	1047.5	1047.0	1044.8	1042.7	1044.8	1047.0	1047.5	1040.5	1031.3	1026.7	1026.7
175°	1039.9	1039.9	1039.9	1039.9	1039.9	1039.9	1039.9	1035.5	1029.6	1026.7	1028.1
177.5°	1038.5	1037.8	1035.4	1032.9	1035.4	1037.8	1038.5	1035.0	1030.4	1028.0	1029.1
180°	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9	1032.9

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	949.1	949.1	949.1	949.1	949.1
2.5°	937.4	942.0	944.7	948.2	957.2
5°	901.5	918.6	924.0	937.4	953.6
7.5°	822.5	874.6	889.0	921.3	946.4
10°	746.2	798.3	823.4	899.8	937.4
12.5°	707.6	738.1	755.2	862.0	924.9
15°	683.3	704.9	717.5	811.7	910.6
17.5°	664.5	679.7	688.7	762.4	890.7
20°	652.8	660.0	668.0	726.4	868.3
22.5°	644.7	640.3	646.5	701.3	837.8
25°	639.4	622.2	629.5	681.5	801.8
27.5°	643.8	606.1	608.9	663.6	764.2
30°	644.7	586.4	587.3	644.7	722.0
32.5°	638.5	565.7	566.6	621.4	674.4
35°	623.1	541.5	540.6	594.5	609.7
37.5°	602.5	515.4	515.4	564.8	538.8
40°	577.3	489.4	492.1	526.2	475.9
42.5°	546.8	461.6	465.1	475.1	429.3
45°	513.6	434.6	437.3	401.4	393.3
47.5°	476.8	406.8	407.7	333.1	381.6
50°	432.8	378.0	374.5	285.5	380.7
52.5°	394.2	346.6	335.8	258.6	345.7
55°	356.5	313.4	290.0	238.0	320.5
57.5°	323.3	270.3	247.9	213.7	315.2
60°	292.7	228.1	211.0	187.6	289.1
62.5°	267.6	196.6	193.1	169.7	262.2
65°	240.7	175.1	174.2	154.4	222.7
67.5°	214.6	160.8	159.9	140.1	169.7
70°	186.7	145.5	143.7	124.8	125.7
72.5°	158.1	128.4	126.6	112.2	104.2
75°	129.3	108.6	107.7	97.9	84.4
77.5°	101.5	86.2	88.0	79.0	61.9
80°	72.7	62.8	64.6	56.6	46.7
82.5°	48.5	41.3	43.1	35.9	31.4
85°	27.0	23.4	24.3	18.8	14.4
87.5°	12.6	10.8	10.8	7.1	4.5
90°	30.4	19.4	18.0	12.5	7.0
92.5°	188.1	133.8	122.0	74.9	27.8
95°	462.8	260.6	239.0	152.8	66.6
97.5°	623.4	286.3	267.3	191.1	115.1
100°	681.9	307.8	290.5	221.5	152.5
102.5°	708.7	329.3	313.2	248.8	184.4
105°	728.6	361.2	347.5	293.0	238.5
107.5°	732.3	408.3	395.6	344.7	293.9
110°	726.7	434.6	423.1	377.2	331.3

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	726.9	466.6	455.6	411.9	368.1
115°	733.7	514.4	504.3	463.9	423.5
117.5°	747.3	560.8	551.6	515.0	478.4
120°	758.4	587.9	579.2	544.8	510.2
122.5°	774.3	619.7	611.1	576.3	541.5
125°	795.9	660.6	652.7	621.0	589.2
127.5°	817.4	700.2	692.1	660.1	628.0
130°	833.0	726.5	717.8	683.4	648.8
132.5°	845.8	748.0	739.4	704.9	670.4
135°	859.6	772.9	765.1	733.6	702.2
137.5°	880.4	804.9	797.1	766.0	734.8
140°	893.1	826.3	819.2	790.5	761.9
142.5°	903.8	842.3	835.7	809.2	782.6
145°	917.6	866.6	860.8	837.6	814.5
147.5°	938.0	897.1	891.5	869.0	846.5
150°	948.6	913.0	907.9	887.6	867.3
152.5°	955.5	923.4	919.6	904.1	888.7
155°	970.7	946.3	943.4	932.1	920.6
157.5°	986.0	969.1	966.4	955.3	944.2
160°	993.0	979.6	977.4	968.8	960.1
162.5°	1000.4	990.6	989.0	982.5	976.1
165°	1011.0	1006.6	1005.2	999.3	993.4
167.5°	1019.3	1015.6	1014.9	1012.1	1009.4
170°	1026.2	1026.0	1025.3	1022.5	1019.7
172.5°	1026.7	1026.7	1026.5	1025.9	1025.3
175°	1030.9	1032.9	1032.9	1032.9	1032.9
177.5°	1031.3	1032.9	1032.9	1032.9	1032.9
180°	1032.9	1032.9	1032.9	1032.9	1032.9

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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	8.30	8.98	9.43	10.11	11.67	11.12	11.81	12.25	12.93	14.50
	3H	8.76	9.37	9.90	10.51	12.09	12.45	13.07	13.59	14.20	15.78
	4H	8.94	9.53	10.09	10.66	12.25	12.89	13.47	14.04	14.60	16.19
	6H	9.05	9.59	10.21	10.72	12.32	13.16	13.70	14.32	14.83	16.43
	8H	9.05	9.56	10.21	10.71	12.30	13.23	13.74	14.39	14.89	16.48
	12H	9.01	9.50	10.18	10.64	12.26	13.26	13.74	14.43	14.89	16.50
4H	2H	9.31	9.89	10.46	11.02	12.61	11.51	12.09	12.67	13.23	14.81
	3H	10.32	10.80	11.48	11.96	13.56	13.00	13.48	14.16	14.64	16.24
	4H	10.59	11.03	11.75	12.18	13.80	13.52	13.96	14.68	15.11	16.73
	6H	10.70	11.08	11.87	12.25	13.86	13.87	14.25	15.04	15.42	17.03
	8H	10.70	11.06	11.87	12.22	13.85	13.97	14.33	15.14	15.49	17.12
	12H	10.66	10.98	11.85	12.16	13.79	14.02	14.34	15.20	15.52	17.15
8H	4H	11.02	11.38	12.19	12.54	14.17	13.63	13.98	14.80	15.14	16.77
	6H	11.28	11.57	12.47	12.78	14.40	14.05	14.35	15.24	15.55	17.17
	8H	11.32	11.58	12.51	12.76	14.40	14.20	14.46	15.40	15.64	17.28
	12H	11.29	11.52	12.49	12.70	14.37	14.29	14.52	15.49	15.70	17.37
12H	4H	11.02	11.35	12.21	12.52	14.15	13.58	13.91	14.77	15.08	16.71
	6H	11.34	11.59	12.53	12.78	14.42	14.05	14.31	15.24	15.49	17.13
	8H	11.40	11.62	12.59	12.80	14.48	14.20	14.43	15.40	15.61	17.28

END OF REPORT